

***FSA Integration Program***  
United States Department of Education  
Federal Student Aid



**Release 1.2 Application Delivery**

***Task Order #116***

***Deliverable #116.7.1***

**Version 1.0**

**Final**

***3/4/2004***

## Revision History

Date	Version	Description	Author
3/4/2004	1.0	Version for delivery to FSA. This document provides a System Test Plan and Test Report for Release 1.2 of the eZ-Audit application.	Seth Sinclair

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## **Overview**

The Release 1.2 Application Delivery document consists of a System Test Plan and Test Report for R 1.2 of the eZ-Audit application.

### ***System Test Plan***

The Test Plan identifies test objectives, test scripts, and schedule for R 1.2 deployment. Requirements for R 1.2 are attached as Appendix A "R 1.2 Requirements Matrix 03\_03\_2004."

### ***Test Report***

The System Test Report documents the results of the R 1.2 testing effort. This includes a detailed report on conditions tested, SIRs logged, and issues identified during deployment.

## System Test Plan

### Assumptions

- The Test Plan and test execution covers eZ-Audit requirements designated for “Release 1.2” (R 1.2).
- No formal UAT is scheduled for this release; mock screens were reviewed by NACUBO and Institution users outside of the system. Feedback was received and incorporated into the R 1.2 requirements through the Change Control Board (CCB) process.
- The testing approach, SIR process, and change control procedures are documented in deliverable 116.6.2 Finalized Design and System Test Delivery.

### Objectives

The objective of the eZ-Audit R 1.2 testing effort is to:

- Verify the application satisfies the business requirements and supports the eZ-Audit business processes as defined by the eZ-Audit R 1.2 requirements and Use Cases.
- Verify that the functionality of the application performs as designed.

### Execution Plan

- The team will execute 4 test passes.
- The following scripts will be executed in each pass:
  - 1 – Proprietary Institution Create Submission
  - 2 – Non-Profit Institution Create Submission
  - 3 – Public Institution Create Submission
  - 4 – Proprietary Institution Create Submission
  - 5 – Non-Profit Institution Create Submission
  - 6 – Public Institution Create Submission
  - 7 – Composite Score Verification
  - 8 – School Group Create Submission
- SIRs will be logged in Rational ClearQuest under Test pass “A-133 Deployment.”
- After each pass the test team will record the percent of conditions passed/failed/untested and the number of SIRs logged, resolved, and tested successfully.

### Test Schedule

The test schedule is designed to meet the Release 1.2 go-live date of March 8, 2004.

Test Phase	Planned Dates
Execute System Test:	2/16 – 2/27
Pass 1	2/16 – 2/17
Fix Cycle	2/18
Pass 2	2/19 – 2/20
Fix Cycle	2/23
Pass 3	2/24
Fix Cycle	2/25
Pass 4	2/26
Fix Cycle	2/27
Code Complete	2/27
Code Freeze	2/28 – 3/6
A-133 Code in Production	3/8

## System Test Report

### Test Execution Results

The following matrix provides a summary of all SIRs logged during R 1.2 testing. A detailed list of all SIRs is provided in Appendix C eZ-Audit R 1.2 SIR Report 03\_04\_2004.xls. A list of Test Conditions tested/ passed/ failed per pass is provided in Appendix B eZ-Audit Test Condition Tracking 03\_01\_2004 v6.xls.

	Pass 1 2/17/2004	Pass 2 2/23/2004	Pass 3 2/25/2004	Pass 4 2/27/04	Pass 5 2/28/04	Pass 6 3/01/04
Total Logged <sup>1</sup>	31	22	10	5	8	0
L1	4	7	0	1	2	0
L2	9	7	4	2	3	0
L3	12	5	1	2	2	0
L4 (Enhancements)	0	0	1	0	0	0
Rejected <sup>2</sup>	6	3	4	0	0	0
Total Valid SIRs Logged	25	19	5	5	8	0
Logged + Remaining Open From Previous Pass	N/A	25	8	9	9	1
Resolved <sup>3</sup>	19	24	6	7	8	0
Remaining Open	6	1	2	1	1	1
Tested Successfully	19	22	4	7	8	0
Failed	0	2	2	0	0	0
Total Remaining Open (Remaining open + failed)	6	3	4	1	1	1

1. Total Logged - All SIRs logged during the pass
2. Rejected - Duplicates or invalid SIRs logged but not assigned to the development team for resolution
3. Resolved - SIRs addressed by the development team set to ready for testing for the next test pass

### Additional Test Passes

The test team executed two additional passes beyond the 4 passes planned. The team decided to execute these two passes to have an opportunity to test the R 1.2 code in an environment that mirrors the eZ-Audit production environment. This environment was not available until after Pass 4. Migration to the new environment resulted in an increase in SIRs logged from Pass 4 to Pass 5. The team used time during the planned Code Freeze period to address and resolve these SIRs.

### Remaining SIR

One SIR remained open when the test team completed the final testing pass. This priority 3 SIR (1145) reads "For all INS types, the Non-Annual Banners need to be updated" referring to updating all submission page banners to reflect changes made to the annual submission banners per R 1.2 requirements R20220 and R20238. This was resolved during the Code Freeze period after the last pass.

## Deployment Issues

The following issues were identified during the deployment phase of the R 1.2 testing effort:

Title	Description	Status	Proposed Resolution
Historical Screen Issue	The system will need to provide a way to allow users to view submissions submitted pre R 1.2 with the correct version of the data entry screens.  Logged as SIR 1179 (L2).	Open	The eZ-Audit development team is researching/ documenting options to solve this. A fix will not be implemented by R 1.2 deployment. Once resolved, this will be referred to the eZ-Audit support team for implementation.
Checklist page displays with "continue with errors" button	User nonprof05 selected to create an Initial Application submission. User selected to "save and proceed" from the FS Info page to the Checklist page. When the system displays the checklist page, the "Continue with errors" button appears even though the page hasn't been submitted/no errors are present.  Logged as SIR 1175 (L3).	Open	The development team will attempt to resolve this before the code is deployed. If not, this low priority SIR will be referred to the eZ-Audit support team for resolution.
QC updates	The System must be updated with revised QC values based on the new R 1.2 institution data entry screens.  Logged as SIR 1177 (L3).	Open	Revised QC values have been documented. The development team will attempt to load these new values before the code is deployed. If not, this will be referred to the eZ-Audit support team for resolution as soon as possible after deployment.
Add links to new docs on eZ-Audit "welcome" page	Add links to instruction documents provided by Ti on the eZ-Audit welcome page.  Logged as SIR 1178 (L3).	Open	At the time of this report the development team had not received the documents from FSA needed to resolve this SIR. The development team will attempt to resolve this before deployment if the documents are received in time. If not, this low priority SIR will be referred to the eZ-Audit support team for resolution.

Title	Description	Status	Proposed Resolution
Incorrect error check on checklist page for non-annual submissions	User public01 received an invalid error message when creating an Initial Submission for 11223300. The system displays an error message stating that "compliance audit contact information is required." The expected result is that this error check would not be present because compliance audit contact info is not asked for/needed for an Initial application submission.  Logged as SIR 1171 (L2). This issue was resolved and re-tested during the Code Freeze phase.	Closed	
Error Messages on the Statement of Activities page for Non-Profit user	Non-profit user<nonprof02> OPE ID<10000002> accessed the Statement of Activities page and selected the "Calculate" button without entering any data. Error messages were displayed in red text at the top of the page. The system displays outdated error messages.  Logged as SIR 1173 (L2). This issue was resolved and re-tested during the Code Freeze phase.	Closed	
Unable to access statement of financial position	Non-profit users (non-prof01) are unable to access the Statement of Financial Position for all submission types.  Logged as SIR 1172 (L2). This issue was resolved and re-tested during the Code Freeze phase.	Closed	
Annual Submission Compliance Audit banner for Proprietary user	For all proprietary users, the banner for the Compliance Audit page under annual submissions is incorrect. Currently, the banner reads "FSA Annual Submission Compliance Audit?". The expected result is "FSA Annual Submission Compliance Audit Information?".  Logged as SIR 1176 (L3). This issue was resolved and re-tested during the Code Freeze phase.	Closed	

## Enhancements

The eZ-Audit test team identified the following Level 4 enhancement SIR during R 1.2 testing (SIR 1146): "Merger/CIO submissions currently have no checklist page/contact info field. If there is something wrong with the Financial Statement, there is no current way to send an e-mail to notify the contact. Add contact info fields for a Merger/CIO submission."

This enhancement request was referred to the eZ-Audit CCB and added to the eZ-Audit requirements matrix as R20694 for deployment with R 2.0.



## **Appendix List**

- A. eZ-Audit R 1.2 Requirements Matrix 3\_03\_2004.xls**
- B. eZ-Audit R 1.2 Test Condition Tracking 03\_01\_2004 v6.xls**
- C. eZ-Audit R 1.2 SIR Report 03\_04\_2004.xls**